

H5291-

5328.

D5827-

5836.

H 5291
328

D 5827
36

Dredge } No. 5291 Date, Jan 13, 1913
Hydrog. }

Sdg. Mch. Tanner Reel Shot Lead 14 lbs.

Turns Cor'n Depth 13 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make N. 3. Cor'n { Instr. No. 1019811023 Stem.

Bottom Reading 43.50 43.5 Cor'd Temp. 43.43

Temp. Surf. { 43 Time 1:08 } Air { 53 }
42.73 Time

Density: Surf. fms.

Wind: Direction SE Force 23

Baromet. 30.09 Amt. of Clouds 10 State of Sea 0

Weather 53

Direction and Force of Current { Surface Bottom

Tide Flood Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Indirect Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter. 29 fms. 150# weight.

Time towing h. m.

Remarks: 2 men on water. Bottle used.

Deck Officer M. R. Otis Recorder W. C. Cook

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
P. M. DOWN.	UP.	P. M.			P. M. DOWN.	UP.	P. M.	
/	3800	/	4800	0	/	3800	/	4800
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
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				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

Dredge } No. 292 Date, Jan 13, 1913
Hydrog. }

Sdg. Mch. Tanner Reel 7n Shot Lead 14 lbs.

Turns Cor'n Depth 73 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make 2131 No. 10157 Cor'n { Instr. Stem.

Bottom Reading 2.43.3 2.43.5 Cor'd Temp. 43.43

Temp. Surf. { 43 Time 1:59P } Air { 53 }
42.73 Time

Density: Surf. fms.

Wind: Direction S.E. Force 2-3

Baromet. 30.07 Amt. of Clouds 10 State of Sea S

Weather 02

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul 100

Apparatus and Rig used 4' Lutes: 2 1/2 fms.
150# weight

Time towing h. 1 m.

Remarks: 2 1/2 min water bottle used
Towed 5 minutes under way.

Deck Officer Mr. B. H. H. Recorder H. W. C. 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. Down.	Up.	P. M.		P. M. Down.	Up.	P. M.
1	4800	1	0	1	5500	2
			100			0800
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5293 Date, Jan 13, 1913
Hydrog. }
Sdg. Mch. Tanner Reel Shot/Lead 14 lbs.
Turns Cor'n Depth 7 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make M. 3. No. 101971023 Cor'n { Instr. Stem.

Bottom Reading 2.44 R. 44 Cor'd Temp. 43.93

Temp. Surf. { 43.5 Time 2:42 Air { 52
43.23 Time

Density: Surf. fms.

Wind: Direction S.E. Force 2-3

Baromet. 30.07 Amt. of Clouds 10 State of Sea 9

Weather 02

Direction and Force of Current { Surface Bottom

Tide Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter: 29 fms.

15 lb weight

Time towing h. 13 m.

Remarks: Common water bottle used.

Towed three minutes under way.

Deck Officer M. H. H. Recorder H. W. C.

SOUNDING WIRE.					FMS.	DREDGING CABLE.					
M. Down.			Up. <i>a</i> M.			M. Down.			Up. <i>p</i> M.		
<i>2</i>	<i>31</i>	<i>00</i>	<i>2</i>	<i>44</i>	<i>00</i>	<i>2</i>	<i>31</i>	<i>00</i>	<i>2</i>	<i>44</i>	<i>30</i>
						0					
						100					
						200					
						300					
						400					
						500					
						600					
						700					
						800					
						900					
						1000					
						1100					
						1200					
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						4700					
						4800					
						4900					

Dredge } No. 294 Date, Jan 12, 1913
Hydrog. }
Sdg. Mch. Tanner Reel Shot Lead 14 lbs.
Turns Cor'n Depth 6 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make N. 3.
No. S. 1019 R 123 Cor'n { Instr.
Stem.

Bottom Reading 144.9 R. 44.8 Cor'd Temp. 44.78

Temp. Surf. { 44.1 Time 3:18 P. } Air { 52
43.83 Time }

Density: Surf. fms.

Wind: Direction S.E. Force 4-5

Baromet. 30.03 Amt. of Clouds 10 State of Sea C

Weather 27

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul 14 fms.

Apparatus and Rig used 4 fms. 2 H. fms.
150 lb weight.

Time towing h. 16 m.

Remarks: Cerman water bottles used.

Used bottom sampler

Towed 3 minutes in tow.

Deck Officer Mr. Kelly Recorder H. W. Price

SOUNDING WIRE.					FMS.	DREDGING CABLE.				
M. Down.	Up.		M.			M. Down.	Up.		M.	
5	06	58	3	18	00	3	06	02	3	22
					0					
					100					
					200					
					300					
					400					
					500					
					600					
					700					
					800					
					900					
					1000					
					1100					
					1200					
					1300					
					1400					
					1500					
					1600					
					1700					
					1800					
					1900					
					2000					
					2100					
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					2500					
					2600					
					2700					
					2800					
					2900					
					3000					
					3100					
					3200					
					3300					
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					3900					
					4000					
					4100					
					4200					
					4300					
					4400					
					4500					
					4600					
					4700					
					4800					
					4900					

Dredge } No. 4 Date, , 19
Hydrog. }
Sdg. Mch. 14-11-18 Reel J n Shot } 14 lbs.
Lead } 6
Turns Cor'n Depth fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading 45.7 45.6 Cor'd Temp. 45.58

Temp. Surf. { 45.2 Time 4:04 } Air { 57
44.9 Time

Density: Surf. fms.

Wind: Direction S E Force 4

Baromet. 30.12 Amt. of Clouds 10 State of Sea C

Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position

Chart used: No.

Ed'n

Drift: Direction

Distance

Depth of Haul

Apparatus and Rig used

Time towing h. 14 m.

Remarks:

Towed 4 in. tow-rope

Deck Officer

Recorder

71-1023

SOUNDING WIRE.

M. Down. | Up. | M.

✓ 0 4 3

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

✓ 0 4 3

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
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2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

Dredge } No. 7256 Date, Jan 12, 1913

Sdg. Mch. Reel Shot Lead 10 lbs.

Turns Cor'n Depth 10 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make T. Instr. No. 1010 - 7.100 Cor'n { Stem.

Bottom Reading L. 4.0 A. 2.0 Cor'd Temp. 45.93

Temp. Surf. { 45.8 Time 4:35 Air { 51

Density: Surf. fms.

Wind: Direction SE Force 4

Baromet. 30.01 Amt. of Clouds 10 State of Sea C

Weather 0

Direction and Force of Current { Surface Bottom

Tide Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used

Time towing 10 m.

Remarks: Net Towed 2 min

Deck Officer Recorder

SOUNDING WIRE.

6 M. Down. | Up. 6 M.

4 28 00 4 38 00

FMS.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

DREDGING CABLE.

6 M. Down. | Up. 6 M.

4 25 00 4 35 00

Dredge } No. 5827 Date, , 19
Hydrog. }

Sdg. Mch. Hand line Reel. Shot } lbs.
Lead }

Turns ----- Cor'n ----- Depth 12-12 1/2 - 6 3/4 fms.

Sdg. Cup ----- Amt. Bot'm Sample -----

Character of Bottom -----

Thermom. { Make ----- Cor'n { Instr. -----
 { No. ----- { Stem. -----

Bottom Reading ----- Cor'd Temp. -----

Temp. Surf. { 47° Time 7:55 } Air { 44°
 { ----- Time ----- } -----

Density: Surf. ----- fms. -----

Wind: Direction Various Force 0-1

Baromet. 30.46 Amt. of Clouds ----- State of Sea -----

Weather - F

Direction and Force { Surface -----
of Current. { Bottom -----

Tide -----

General Locality -----

Position -----

Chart used: No. ----- Ed'n -----

Drift: Direction ----- Distance -----

Depth of Haul bottom

Apparatus and Rig used 5' Dredge

Remarks: Not come up

Time towing h. 14 m.

Remarks: Not come up

Deck Officer Recorder

SOUNDING WIRE.

DREDGING CABLE.

FMS.

M. Down. Up. A. M.

M. Down. Up. M.

Orange peel bucket 9 19 45 9 21 30

S-827-A

(bucket not full. 9:24:30 9:27:30)

500

600

5' Counter Stand 9 25 45 9 47 30

12th floor 9 35 40 9 45 40

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. 52 Date, June 21, 1913
Hydrog.

Sdg. Mch. Reel Shot/Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 44 Time 11:00 } Air { 44
Time

Density: Surf. fms.

Wind: Direction Various Force 0-1

Baromet. 30.4 Amt. of Clouds 1 State of Sea 2

Weather fog

Direction and Force of Current { Surface
Bottom

Tide Ebb

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used 5' beam trawl

Time towing h. 2 / m.

Remarks:

Deck Officer Bacon Recorder

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

6.00	10	18	35	10	20	00
100						
200						
300						
400						
500						
600						
700						
800						
900						
1000						
1100						
1200						
1300						
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3600						
3700						
3800						
3900						
4000						
4100						
4200						
4300						
4400						
4500						
4600						
4700						
4800						
4900						

Dredge { No. 2 Date, 1902, 19
Hydrog. {
Sdg. Mch. { Reel Shot/Lead lbs.
Turns Cor'n Depth fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom
Thermom. { Make Cor'n { Instr. No. Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. { 5-0° Time 11:55- } Air { 5-2°
Time
Density: Surf. fms.
Wind: Direction Various Force 0-1
Baromet. 30.42 Amt. of Clouds 1 State of Sea
Weather
Direction and Force of Current { Surface Bottom
Tide Ebb
General Locality
Position
Chart used: No. Ed'n
Drift: Direction Distance
Depth of Haul bottom
Apparatus and Rig used
Time towing h. / m.
Remarks:

SOUNDING WIRE.

M. Down. | Up. | M.

FMS.

DREDGING CABLE.

A M. Down. | Up. | A M.

5-528 - A

6-10-12-14-16-18-20-22-24-26-28-30-32-34-36-38-40-42-44-46-48-50-52-54-56-58-60-62-64-66-68-70-72-74-76-78-80-82-84-86-88-90-92-94-96-98-100

1000 fms.

Bucket did not

fill first time

7 min.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

11 33 50 11 35 00

11 37 30 11 38 00

11 40 50 11 41 50

11 46 10 11 46 35

11 47 43 11 47 55

Dredge } No. 0 Date, , 19
Hydrog. }
Sdg. Mch. Reel Shot/Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time } Air {
Time

Density: Surf. fms.

Wind: Direction East Force

Baromet. 30.41 Amt. of Clouds State of Sea

Weather bcs.

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: 1 3

Deck Officer Recorder

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

Tangle of the bucket. 0			12	02	30	12	11	30
			100					
			200					
			300					
			400					
			500					
			600					
			700					
			800					
			900					
			1000					
			1100					
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			3900					
			4000					
			4100					
			4200					
			4300					
			4400					
			4500					
			4600					
			4700					
			4800					
			4900					

SOUNDING WIRE.

M. Down. Up. M.

12 51 00 1 01 00

FMS.

DREDGING CABLE.

M. Down. Up. M.

12 56 50 1 01 00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Hydrog. } No. 2 Date, July 1, 1910

Sdg. Mch. Reel Shot Lead lbs.

Turns Cor'n Depth 10 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No. 1019 R 1023 Cor'n { Instr. Stem.

Bottom Reading 47.9 Cor'd Temp. 48.18

Temp. Surf. { 47.9 Time 1:50 P. Air { 62
47.63 Time

Density: Surf. fms.

Wind: Direction n. Force 2

Baromet. 30.38 Amt. of Clouds 2 State of Sea S

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. 22 m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

P. M. Down.	Up.	P. M.
1 3 30	1	30

FMS.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

DREDGING CABLE.

P. M. Down.	Up.	P. M.
1 40 00	2	02 30

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
			0	2	27	50
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
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			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Druid of Hydrog } No. _____ Date, _____, 19__

Sdg. Mch. Garner Reel 11 Shot 16 lbs.

Turns _____ Cor'n _____ Depth _____ ' / _____ fms.

Sdg. Cup Int. Bot'm
Sample

Character of Bottom

Thermom. { Make
No. of

Cor'n { Instr.
Stem.

No. 4 Stem.

Bottom Reading 7.4 1.4 05.41. Cor'd Temp. 47.63.

Temp. Surf. { $\begin{matrix} \text{Time} \\ \text{Time} \end{matrix} \right\} \text{Air} \left\{ \begin{matrix} \text{Time} \\ \text{Time} \end{matrix} \right\}$

47.23 Time

Density: Surf. fms.

Wind: Direction 1 \ 1 Force 1

Baromet. 30.28 Amt. of Clouds 3 State of Sea 5

Weather -----

Direction and Force of Current. { Surface _____
 { Bottom _____

Bottom

General Locality _____

Position

Chart used: No. Ed'n

Drift: Direction	Distance
------------------	----------

Depth of Haul *Inter*

Apparatus and Rig used LI 2

Time towing _____ h, _____ m.

Remarks: *Scaphinotus*

Deck Officer _____ Recorder W. J. G. G. G.

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
1			0	2	57	03
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. _____ Date, _____, 19
Hydrog. }
Sdg. Mch. _____ Reel U.S.N. Shot } 14 lbs.
Lead }

Turns _____ Cor'n _____ Depth _____ fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air { _____
 { 44.5 Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction _____ Force _____

Baromet. 20.38 Amt. of Clouds 4 State of Sea C

Weather _____

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality _____

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction U.S.N. Distance _____

Depth of Haul Inter

Apparatus and Rig used 4

Time towing _____ h. _____ m.

Remarks: _____

U.S.N. 11 1

Deck Officer _____ Recorder _____

SOUNDING WIRE.

M. Down. Up. M.

FMS.

DREDGING CABLE.

M. Down. Up. M.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

3 28 00 3 38 00

Dredge } No. 5302 Date, , 1912

Sdg. Mch. Reel Shot/Lead lbs.

Turns Cor'n Depth 10 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No. 1019 - 1023 Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp. 47.08

Temp. Surf. { 47.0 Time 4:10 Air { 46.73 Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.35 Amt. of Clouds 4 State of Sea S

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction anchored Distance

Depth of Haul Inter.

Apparatus and Rig used

Time towing h. 7 m.

Remarks: 200 fms. bottom used

7:00 hours 8:00 hours

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
3 00	4 13	00	0	4 05	4 12	00
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. No. 5308 Date, 20, 1912

Sdg. Mch. 711 Reel Shot Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make 711 Cor'n { Instr. No. 1019 - 1023 Stem.

Bottom Reading 46.5 - 46.9 Cor'd Temp. 46.88

Temp. Surf. { 46.5 Time 4:43 P } Air { 52 }
46.23 Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.35 Amt. of Clouds 4 State of Sea S

Weather B

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul Inter.

Apparatus and Rig used

Time towing h. 9 m.

Remarks: Fishes were taken.

Two bottom samples taken

Deck Officer J. C. ... Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
✓ 32 15	✓ 42 10		0	✓ 33 30	✓ 42 10	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. No. 1019 Date, 10/10/19

Sdg. Mch. Reel Shot/Lead lbs.

Turns Cor'n Depth 6 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No. 1019-1073 Cor'n { Instr. Stem.

Bottom Reading 46.7 Cor'd Temp. 46.68

Temp. Surf. { 46.4 Time 46.15 } Air { }

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.34 Amt. of Clouds 3 State of Sea S

Weather Fog

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul Trawl

Apparatus and Rig used 4

Time towing h. 7 1/2 m.

Remarks: Trawl hauled in 20 min.

Deck Officer H. L. Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
5 02 30			0	7 05 02	5 19 30	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5500 Date, Jan 21, 1913
Hydrog.

Sdg. Mch. Reel Shot }
Lead } lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 50° Time 10:00 } Air {
Time

Density: Surf. fms.

Wind: Direction West Force 1

Baromet. 30.26 Amt. of Clouds 3 State of Sea S

Weather bcg

Direction and Force of Current { Surface
Bottom

Tide High

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used 3-1-5

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

M. Down. Up. M.

FMS.

DREDGING CABLE.

M. Down. Up. M.

<i>5 fms. good</i>	0	<i>9 35 00</i>	<i>9 31 50</i>
<i>Bucket</i>	100		
<i>5 fms. R</i>	200		
<i>11 fms.</i>	300	<i>9 40 50</i>	<i>9 32 00</i>
<i>Tailed to fill bucket</i>	400		
<i>4 fms.</i>	500		
	600		
	700		
	800		
	900		
<i>5 fms. good</i>	1000	<i>9 45 10</i>	<i>9 35 50</i>
<i>11 fms.</i>	1100	<i>9 47 20</i>	<i>9 37 00</i>
	1200		
	1300		
	1400		
	1500		
	1600		
	1700		
<i>5 fms. good</i>	1800	<i>10 00 20</i>	<i>10 01 00</i>
<i>10 fms.</i>	1900		
<i>5 fms. R</i>	2000		
	2100		
	2200		
	2300		
	2400		
	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		
	4100		
	4200		
	4300		
	4400		
	4500		
	4600		
	4700		
	4800		
	4900		

Treacher { No. 5831 Date, 1918

Sdg. Mch. Hand line Reel Shot Lead lbs.

Turns Cor'n Depth 13 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 13.0 Time 10:25 Air { 1/8

Density: Surf. fms.

Wind: Direction West Force 1

Baromet. 30.25 Amt. of Clouds 3 State of Sea X

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

a M. Down. | Up. a M.

FMS.

DREDGING CABLE.

a M. Down. | Up. a M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

13 fath.

~~Trawl~~ Hydrog. No. 3-305 Date, Jan 21, 1912

Sdg. Mch. Reel Shot Lead lbs.

Turns Cor'n Depth // fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No. Cor'n { Instr. Stem.

Bottom Reading 48.3 48.2 Cor'd Temp. 48.18

Temp. Surf. { 47.5 Time 47.23 } Air {

Density: Surf. fms.

Wind: Direction Force

Baromet. 26.22 Amt. of Clouds 4 State of Sea

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Intermediate

Apparatus and Rig used

Time towing h. 12 m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
11 35 30	11 35 30		0	11 35 30	11 35 30	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. _____ Date, _____, 19 ____
Hydrog. }

Sdg. Mch. _____ Reel _____ Shot/Lead _____ lbs.

Turns _____ Cor'n _____ Depth 10 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. 47.78

Temp. Surf. { Time _____ } Air {
 { 47.73 Time _____ }

Density: Surf. _____ fms. _____

Wind: Direction North Force _____

Baromet. 30.25 Amt. of Clouds 5 State of Sea _____

Weather hazy

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality _____

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction on course Distance _____

Depth of Haul bottom

Apparatus and Rig used 4' beam trawl
1 1/2 ft. net

Time towing _____ h. 10 m.

Remarks: Bottom water bottle used

Deck Officer _____ Recorder C. H. H.

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

12 17 20 22 27 30

12 17 20 22 27 30

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. 5307 Date, Jan 2, 19

Sdg. Mch. Reel Shot/Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No. 1614 Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp. 47.08

Temp. Surf. { Time 46.83 } Air { 47.5

Density: Surf. fms.

Wind: Direction N Force 1

Baromet. 30.17 Amt. of Clouds 6 State of Sea S

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction 100 Distance

Depth of Haul 100

Apparatus and Rig used 4' beam trawl

Time towing h. m.

Remarks:

Deck Officer

Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 308 Date, Jan 21, 1913
Hydrog. }

Sdg. Mch. Reel Shot Lead lbs.

Turns Cor'n Depth 6 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp. 46.63

Temp. Surf. { Time Air {
1/6 46.3 Time

Density: Surf. fms.

Wind: Direction N Force

Baromet. 30.12 Amt. of Clouds 1 State of Sea

Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: 50

Deck Officer Recorder H. W. Criss

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
/ 32 00	/ 42 00		0	/ 32 00	/ 42 00	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 1 Date, , 19

Sdg. Mch. Reel Shot/Lead lbs.

Turns Cor'n Depth / fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp. 45.93

Temp. Surf. { Time Air { Density: Surf. fms.

Wind: Direction Force

Baromet. 30.13 Amt. of Clouds 8 State of Sea S

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter 7 94 fms.

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
2	09	00	2	19	00	
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. _____ Date, _____, 19 / 1

Sdg. Mch. _____ Reel _____ Shot / Lead _____ lbs.

Turns _____ Cor'n _____ Depth _____ fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. 45.93

Temp. Surf. { _____ Time _____ { Air { _____
 { 4/5.83 Time _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction Calm Force 0

Baromet. 30.12 Amt. of Clouds 8 State of Sea S

Weather _____

Direction and Force { Surface _____
of Current. { Bottom _____

Tide _____

General Locality _____

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction Anchor Distance _____

Depth of Haul 2 miles

Apparatus and Rig used 4' Dredge 9 fms

Time towing _____ h. 10 2 m.

Remarks: _____

Deck Officer Mr. King

Recorder _____

SOUNDING WIRE.				FMS.	DREDGING CABLE.					
M. Down.	Up.	P.	M.		M. Down.	Up.	P.	M.		
2	32	00	2	47	0	2	32	00	2	47
				100						
				200						
				300						
				400						
				500						
				600						
				700						
				800						
				900						
				1000						
				1100						
				1200						
				1300						
				1400						
				1500						
				1600						
				1700						
				1800						
				1900						
				2000						
				2100						
				2200						
				2300						
				2400						
				2500						
				2600						
				2700						
				2800						
				2900						
				3000						
				3100						
				3200						
				3300						
				3400						
				3500						
				3600						
				3700						
				3800						
				3900						
				4000						
				4100						
				4200						
				4300						
				4400						
				4500						
				4600						
				4700						
				4800						
				4900						

Dredge } No. 311 Date, Jan 21, 1913
Hydrog. }

Sdg. Mch. Reel Shot/Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp. 15.93

Temp. Surf. { Time 15.43 Air {

Density: Surf. fms.

Wind: Direction Cal Force

Baromet. 30.12 Amt. of Clouds 1 State of Sea

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used 150 ft Lucas

Time towing h. m.

Remarks: Under

Used Bottom Sampler.

Deck Officer M. J. King Recorder J. W. Smith

SOUNDING WIRE.				FMS.	DREDGING CABLE.					
<u>P</u> M. Down.	Up.	<u>P</u> M.	<u>U</u> M. Down.		Up.	<u>U</u> M.				
2	55	30	3	0	5	-	45	2	5	1
				100						
				200						
				300						
				400						
				500						
				600						
				700						
				800						
				900						
				1000						
				1100						
				1200						
				1300						
				1400						
				1500						
				1600						
				1700						
				1800						
				1900						
				2000						
				2100						
				2200						
				2300						
				2400						
				2500						
				2600						
				2700						
				2800						
				2900						
				3000						
				3100						
				3200						
				3300						
				3400						
				3500						
				3600						
				3700						
				3800						
				3900						
				4000						
				4100						
				4200						
				4300						
				4400						
				4500						
				4600						
				4700						
				4800						
				4900						

Dredge } No. 23 Date, , 19

Sdg. Mch. Reel Shot/Lead lbs.

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No. Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp. 45.22

Temp. Surf. 46 Time 3:31 P Air

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.12 Amt. of Clouds 9 State of Sea S

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Int

Apparatus and Rig used

Time towing h. 10 m.

Remarks: bottles used.

Used Bottom Sample

Deck Officer Recorder

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M. Down.			Up.	M.			M. Down.			Up.	M.	
3	20	00	3	30	00	0	3	20	00	3	30	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge } No. 27 Date, Jan 27, 1912

Sdg. Mch. Lucas Reel - Shot } 14 lbs.
Lead }

Turns - Cor'n - Depth 9 1/2 fms.

Sdg. Cup - Amt. Bot'm Sample -

Character of Bottom -

Thermom. { Make - Cor'n { Instr. -
No. - Stem -

Bottom Reading - Cor'd Temp. -

Temp. Surf. { 48° Time 10:00 a } Air { 50°
Time - }

Density: Surf. - fms. -

Wind: Direction Calm Force 0

Baromet. 30.75 Amt. of Clouds 2 State of Sea 2

Weather bcy.

Direction and Force of Current { Surface -
Bottom -

Tide -

General Locality -

Position -

Chart used: No. - Ed'n -

Drift: Direction - Distance -

Depth of Haul 20 fms

Apparatus and Rig used Orange

Time towing - h. - m.

Remarks: 20 fms

Twice one fish

Deck Officer J. H. Recorder J. H.

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
<i>Orange-Jack, Bartlett</i>			0	1	57	00
			100			57
			200	10	02	00
			300			10
			400			02
			500			07
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 581 Date, , 191
Hydrog. }
Sdg. Mch. Reel Shot / 10 lbs.
Leads }
Turns 7 Cor'n Depth 7 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make 99 Cor'n { Instr. Stem.

Bottom Reading 46 Cor'd Temp. 46.68

Temp. Surf. { 46.8 Time 12:18 } Air { 65°
46.5 Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.19 Amt. of Clouds 0 State of Sea 2

Weather 4

Direction and Force of Current { Surface { 20 sec to 37 sec
Bottom {

Tide 1/2

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul Inter.

Apparatus and Rig used 4' 15' 10" sinker

Time towing h. 78 m.

Remarks: Calm water. 1 mile in water. 7 miles in water. 10 miles in water.

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. Down.	Up.	P. M.		P. M. Down.	Up.	P. M.
12	17	00	12	27	00	
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Tredge } No. 5314 Date, Dec 27, 1912
Hydrog. }
Sdg. Mch. 115 Reel 718 Shot 14 lbs.
Lead }

Turns _____ Cor'n _____ Depth 5 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

Thermom. { Make N.Z. Cor'n { Instr. _____
 { No. 104924 - 108018 { Stem. _____

Bottom Reading 45.0° 47.0° Cor'd Temp. 46.93

Temp. Surf. { 47.2° Time 12:55 } Air { 67.5°
 { 46.7° Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction Calm Force 0

Baromet. 30.14 Amt. of Clouds 2 State of Sea 3

Weather Clear

Direction and Force of Current { Surface { 25 " " 29 " " " "
 { Bottom { 20 " " 29 " " " "

Tide Flood

General Locality _____

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction Anchored Distance _____

Depth of Haul 100 fms

Apparatus and Rig used 4' Smith's Trawl

Time towing _____ h. 12 m.

Remarks: 1 specimen of water taken

Deck Officer M. V. Recorder 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
12	48	00	0	12	48	00
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5315 Date, June 1, 1913
Hydrog. }
Sdg. Mch. 78 Reel Shot/Lead 14 lbs.

Turns _____ Cor'n _____ Depth 5 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

Thermom. { Make 75 Cor'n { Instr. _____
 { No. 1000 Stem. _____

Bottom Reading 51.0 | 51.3 Cor'd Temp. 51.08

Temp. Surf. { 47.3 Time 1:21.15 } Air { 69 }
 { 47.03 Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction Calm Force 0

Baromet. 30.16 Amt. of Clouds 2 State of Sea 8

Weather B

Direction and Force of Current { Surface 31 rev. in 40 sec.
 { Bottom _____

Tide _____

General Locality _____

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction Anchored Distance _____

Depth of Haul Inter.

Apparatus and Rig used _____

Time towing _____ h. 11 m.

Remarks: Fishes water etc. etc.

Note water sample on tin station.
see bottom in bottom and temp. temp.

Deck Officer Mr. T. Recorder _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
1	1	15	.0	1	1	2200
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 532 Date, Jan 27, 1912
Hydrog. }
Sdg. Mch. T15 Reel Shot } 14 lbs.
Lead }

Turns ----- Cor'n ----- Depth 5 fms.

Sdg. Cup

Amt. Bot'm
Sample

Character of
Bottom

Thermom. { Make N. 2. Cor'n { Instr. -----
No. 104924 | 108018 Stem. -----

Bottom Reading 47.5 | 47.5 Cor'd Temp. 47.43

Temp. Surf. { 47.8 Time 1:45 } Air { 62
47.53 Time ----- }

Density: Surf. ----- fms. -----

Wind: Direction Calm Force 0

Baromet. 30.1 Amt. of Clouds 2 State of Sea S

Weather B'g

Direction and Force of Current { Surface 30 turns in 48 sec.
Bottom 30 " " 12

Tide Ebb

General Locality -----

Position -----

Chart used: No. ----- Ed'n -----

Drift: Direction Anchored Distance -----

Depth of Haul Inter.

Apparatus and Rig used

Time towing ----- h. 11 m.

Remarks: Se. from water

Deck Officer W. H. Recorder

SOUNDING WIRE.						FMS.	DREDGING CABLE.						
M. DOWN.			UP.	M.			M. DOWN.			UP.	M.		
1	33	00	1	43	00		0	1	33	00	1	44	00
							100						
							200						
							300						
							400						
							500						
							600						
							700						
							800						
							900						
							1000						
							1100						
							1200						
							1300						
							1400						
							1500						
							1600						
							1700						
							1800						
							1900						
							2000						
							2100						
							2200						
							2300						
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							2500						
							2600						
							2700						
							2800						
							2900						
							3000						
							3100						
							3200						
							3300						
							3400						
							3500						
							3600						
							3700						
							3800						
							3900						
							4000						
							4100						
							4200						
							4300						
							4400						
							4500						
							4600						
							4700						
							4800						
							4900						

Dredge } No. 5317 Date, Jan 27, 1913
Hydrog. }
Sdg. Mch. 715 Reel Shot Lead 11 lbs.

Turns Cor'n Depth 7 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make 715 Cor'n { Instr. No. 104924 - 108018 Stem.

Bottom Reading 47.2° 47.2° Cor'd Temp. 47.7.3

Temp. Surf. { 48.1° Time 7:17:20 } Air { 63.5°
47.6.3 Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.14 Amt. of Clouds 2 State of Sea S

Weather b

Direction and Force of Current { Surface 5.0 " Bottom 0.0 "

Tide 5/1

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul 70 fms.

Apparatus and Rig used

Time towing h. 11 m.

Remarks: 2.0 fms. 1.0 fms. 0.5 fms.

Deck Officer W. H. Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>P</i> M. Down.	Up.	<i>P</i> M.		<i>P</i> M. Down.	Up.	<i>P</i> M.
7	07	50	7	17	50	
			0	7	07	30
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. No. 5218 Date, Apr. 22, 1920
Sdg. Mch. T.N. Reel Shot Lead 10 lbs.

Turns Cor'n Depth 8 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make N-Z Cor'n { Instr. No. 104924 + 108018 Stem.

Bottom Reading 47.5° 47.5° Cor'd Temp. 47.18

Temp. Surf. { 48.2° Time 7:48:40 } Air { 68°
47.93 Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.14 Amt. of Clouds 2 State of Sea C

Weather fog

Direction and Force of Current { Surface 60 147
Bottom 60 45

Tide Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anisford Distance

Depth of Haul Inter.

Apparatus and Rig used

Time towing h. 11 m.

Remarks: F. T. ...

Deck Officer Mr. King Recorder

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
M. DOWN.		UP.	M.		M. DOWN.		UP.	M.
2	33	40	2 48 40	0	2	34	00	2 45 00
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

Dredge } No. 50 Date, , 19
Hydrog. }
Sdg. Mch. 7 Reel Shot/Lead lbs.
Turns Cor'n Depth 10 fms.
Sdg. Cup Amt. Bot'm Sample

Character of Bottom
Thermom. { Make TZ Cor'n { Instr.
 { No. 104924 - 109018 { Stem.

Bottom Reading Cor'd Temp. 47.78

Temp. Surf. { 47.73 Time 2:18:30 } Air { 69.0
 { 47.73 Time } {

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.2 Amt. of Clouds 0 State of Sea

Weather

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul Fath

Apparatus and Rig used

Time towing h. 12 m.

Remarks:

Deck Officer Mr. King Recorder

SOUNDING WIRE.				FMS.	DREDGING CABLE.						
M. Down.	Up.	M.			M. Down.	Up.	M.				
3	03	20	3	18	20	3	08	00	3	20	00
					100						
					200						
					300						
					400						
					500						
					600						
					700						
					800						
					900						
					1000						
					1100						
					1200						
					1300						
					1400						
					1500						
					1600						
					1700						
					1800						
					1900						
					2000						
					2100						
					2200						
					2300						
					2400						
					2500						
					2600						
					2700						
					2800						
					2900						
					3000						
					3100						
					3200						
					3300						
					3400						
					3500						
					3600						
					3700						
					3800						
					3900						
					4000						
					4100						
					4200						
					4300						
					4400						
					4500						
					4600						
					4700						
					4800						
					4900						

Dredge } No. 257 Date, June 19, 1912
Hydrog. }
Sdg. Mch. 1 Reel 7 Shot Lead 14 lbs.

Turns ----- Cor'n ----- Depth 11 fms.

Sdg. Cup ----- Amt. Bot'm Sample -----

Character of Bottom -----

Thermom. { Make NE
No. 104924-108018 Cor'n { Instr.
Stem.

Bottom Reading 48.2 Cor'd Temp. 48.33

Temp. Surf. { Time 1:20:30 Air { 62
16.73 Time -----

Density: Surf. ----- fms.

Wind: Direction NW Force 1

Baromet. 30.12 Amt. of Clouds 2 State of Sea 5

Weather fog

Direction and Force of Current { Surface { 20 " 42
Bottom { 26 " 41

Tide Flood

General Locality -----

Position -----

Chart used: No. ----- Ed'n -----

Drift: Direction Ambiguous Distance -----

Depth of Haul 120

Apparatus and Rig used 41 ft. 2 75 L.T.

Time towing 11 m.

Remarks: Fishes with shells

Deck Officer

Mr. King

Recorder

Stall

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>P</i> M. Down.	Up.	<i>P</i> M.		<i>17</i> M. Down.	Up.	<i>10</i> M.
3 44 35	3 54 15		0	3 44 35	3 54 15	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5833 Date, June 27, 1913
Hydrog. }
Sdg. Mch. Hand Reel Shot } 14 lbs.
Lead }
Turns Cor'n Depth fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 48° Time 4:20 } Air { 63°
Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.13 Amt. of Clouds 0 State of Sea 2

Weather bz

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. T. Recorder C. E. ...

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		<i>4</i> M. Down.	Up.	<i>4</i> M.
			0	<i>4</i>	<i>17</i>	<i>20</i>
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 19 Date, 19.

Sdg. Mch. Reel Shot/Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No. Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp. 17.38

Temp. Surf. { Time } Air {

Density: Surf. fms.

Wind: Direction N.E. Force 5-1

Baromet. 30.17 Amt. of Clouds 5 State of Sea S

Weather P.S.

Direction and Force of Current { Surface Bottom

Tide High at Low water

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul 120

Apparatus and Rig used

Time towing h. m.

Remarks: 100 fms. 100 fms.

100 fms. 100 fms.

Deck Officer Recorder

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M. Down.			Up.	M.			M. Down.			Up.	M.	
2	11	00	2	31	00	0	2	27	00	2	31	00
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge { No. 532 Date, Jan 28, 1913
Hydrog. {
Sdg. Mch. 64111 Reel Shot Lead lbs.
Turns Cor'n Depth 8 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom
Thermom. { Make No. Cor'n { Instr. Stem.
Bottom Reading 2 Cor'd Temp. 47.53
Temp. Surf. { 46.93 Time Air { 53
Density: Surf. fms.
Wind: Direction north Force 0-1
Baromet. 30.18 Amt. of Clouds 6 State of Sea
Weather P. i. s.

Direction and Force of Current { Surface 7 Rev: 49 sec.
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used 4' line, 150# weight

Time towing h. 14 m.

Remarks: Towed 3 minutes, no drag

Deck Officer Am. Kelly Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
2 38	10 2	48	0	2 38	2	52 30
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
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			1900			
			2000			
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			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 323 Date, Aug 8, 1913
Hydrog }

Sdg. Mch. Reel Shot Lead 14 lbs.

Turns Cor'n Depth 8 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No. 104924-108018 Cor'n { Instr. Stem.

Bottom Reading 2154.4 Cor'd Temp. 48.28

Temp. Surf. { Time 3:57.5 } Air { 56.0 }
Time 4:17.9

Density: Surf. fms.

Wind: Direction North Force 0-1

Baromet. 30.18 Amt. of Clouds 7 State of Sea S

Weather P. i. S.

Direction and Force of Current { Surface 1.0 Per 180 deg. Bottom

Tide Flood.

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Drifted Distance

Depth of Haul Ints

Apparatus and Rig used 4' Ints

1' 5" dredge

Time towing h. m.

Remarks: Collected 100 lbs. of material

Towed 3 minutes, no drag

Deck Officer M. P. Pettig Recorder

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M. Down.			Up.				M. Down.			Up.		
3	02	30	3	12	30	0	3	03	00	3	16	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
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						4100						
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						4800						
						4900						

Depth } No. 5324 Date, Jan 21, 1913
Hydrog. }
Sdg. Mch. Lucas Reel J. N. Shot Lead 11 lbs.
Turns Cor'n Depth 10 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom
Thermom. { Make M. 3.
No. 104924-108018 Cor'n { Instr.
Stem.
Bottom Reading 2.45.5 P. 48.3 Cor'd Temp. 48.33
Temp. Surf. { 47.73 Time 2 3.1 } Air { 50
Density: Surf. fms.
Wind: Direction North Force 0-1
Baromet. 30.15 Amt. of Clouds 8 State of Sea S
Weather Fair

Direction and Force of Current { Surface 20. 2. 44 sec
Bottom
Tide Flood.

General Locality

Position

Chart used: No. Ed'n

Drift: Direction 0.5 Distance

Depth of Haul. 10

Apparatus and Rig used 15' beam trawl

Time towing 1 h. 10 m.

Remarks: 15' beam trawl

Deck Officer Mr. R. L. R. Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>P</i> M. Down.	Up.	<i>P</i> M.		<i>P</i> M. Down.	Up.	<i>P</i> M.
3 24 00	3	34 10	0	3 24 00	3	34 10
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
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			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

~~Hydrog.~~ } No. 2 Date, Aug 12, 1913

Sdg. Mch. 1 Reel 1 Shot Lead 1 lbs.

Turns 8 Cor'n 8 Depth 8 fms.

Sdg. Cup 1 Amt. Bot'm Sample 1

Character of Bottom 1

Thermom. { Make N. 3 Cor'n { Instr. 1
No. 1011924-108018 Stem. 1

Bottom Reading 1 Cor'd Temp. 46.43

Temp. Surf. { 48.5 Time 3:45 } Air { 55
48.23 Time 1 }

Density: Surf. 1 fms. 1

Wind: Direction Variable Force 0-1

Baromet. 30.16 Amt. of Clouds 9 State of Sea 1

Weather 1

Direction and Force of Current { Surface 24 sw. in 40 sec.
Bottom 1

Tide 1

General Locality 1

Position 1

Chart used: No. 1 Ed'n 1

Drift: Direction 1 Distance 1

Depth of Haul 1

Apparatus and Rig used 1

150 lb weight

Time towing 1 h. 1 m.

Remarks: 1

Deck Officer 1 Recorder 1

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	<i>T</i> M.		<i>T</i> M. Down.	Up.	<i>T</i> M.
3	46 00	3 52 00	0	3	57 30	1 02 00
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
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			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

~~Trawl~~ } No. 5325 Date, Dec 2, 1903
Hydrog. }
Sdg. Mch. 7 L Reel T. K. Shot / Lead 1 lbs.
Turns Cor'n Depth 19 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make L. J. Cor'n { Instr. No. L. 104924 R. 105018 Stem.

Bottom Reading 470 1450 Cor'd Temp. 48.88

Temp. Surf. { 44.4 Time 4:07 } Air { 48.0 }
18.13 Time

Density: Surf. fms.

Wind: Direction Variable Force 0-1

Baromet. 30.19 Amt. of Clouds 8 State of Sea 2

Weather bcyf

Direction and Force of Current { Surface 3.5 rev in 30 sec. Bottom

Tide Flood

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used 4 m. ; 150' simple.

Time towing h. 10 m.

Remarks:

Deck Officer Dec 2 Recorder B. L. 11-1024

SOUNDING WIRE.

<i>R.</i> M. Down.	Up.	<i>R.</i> M.
4 08 30	4 15 00	

FMS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

DREDGING CABLE.

<i>R.</i> M. Down.	Up.	<i>R.</i> M.
4 07 30	4 15 00	

Hydrog. } No. 5327 Date, June 25, 1913
Sdg. Mch. T.H. Reel 67-21 Stem Lead 14 lbs.
Turns Cor'n Depth 10 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make N.G. Cor'n { Instr.
No. 9124 Stem.

Bottom Reading 49.0° Cor'd Temp. 48.93

Temp. Surf. { 48.5° Time 157.0° } Air { 27°
48.2° Time

Density: Surf. fms.

Wind: Direction Variable Force 0-1

Baromet. 30.19 Amt. of Clouds 7 State of Sea

Weather bgy

Direction and Force of Current { Surface 2.0 knots 46
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter, 4 H. 1/2
for sinker

Time towing h. 1.0 m.

Remarks: 2 specimens of ...
... ..

Deck Officer Lee Recorder ...

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>B</i> M. Down.	Up.	<i>R</i> M.		<i>B</i> M. Down.	Up.	<i>R</i> M.
<i>1</i> 2903	<i>2</i>	<i>37 20</i>	0	<i>1</i> 3135	<i>2</i>	<i>31 22</i>
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
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			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. } No. 3322 Date, June 26, 1913

Sdg. Mch. 1111 Reel 71-11 Shot/Lead 14 lbs.

Turns _____ Cor'n _____ Depth 11 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

Thermom. { Make W. Z. Cor'n { Instr. _____
No. 1111111111 Stem. _____

Bottom Reading 44.1 49.0 Cor'd Temp. 48.48

Temp. Surf. { 48.73 Time 5:15 } Air { 50°
48.73 Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction _____ Force 0-1

Baromet. 30.1 Amt. of Clouds 9 State of Sea 2

Weather bcg.

Direction and Force of Current { Surface 30 " " 40 "
Bottom _____

Tide Flood

General Locality _____

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul bottom

Apparatus and Rig used 150' line

Time towing h. 10 min.

Remarks _____

Deck Officer John R. _____ Recorder C. E. _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<u>P.</u> M. DOWN.	UP.	<u>P.</u> M.		<u>P.</u> M. DOWN.	UP.	<u>P.</u> M.
5-0000	5-1000		0	5-0030	5-1000	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			1600			
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			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 532 Date, 7/25, 1905

Sdg. Mch. Hand Reel Shot Lead 14 lbs.

Turns Cor'n Depth 11 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No.

Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 44 Time 10.08 } Air { 57

Density: Surf. fms.

Wind: Direction SE Force 0 to 1

Baromet. 30.0 Amt. of Clouds 10 State of Sea 5

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer

Recorder

SOUNDING WIRE.

M. Down. | Up. | M.

FMS.

DREDGING CABLE.

A M. Down. | Up. | A M.

0	10	06	40	10	07	50
100						
200						
300						
400						
500						
600						
700						
800						
900						
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Dredge } No. 2575 Date, July 23, 1911

Sdg. Mch. / Reel Shot / Lead lbs.

Turns Cor'n Depth 7 1/2 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 49 Time 10.40 } Air { 57

Density: Surf. fms.

Wind: Direction SE Force 0 to 1

Baromet. 30.19 Amt. of Clouds 10 State of Sea S

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer W. H. King Recorder C. L. Clark

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M. Down.			Up.				M. Down.			Up.		
						0	10	38	-	10	39	30
						100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
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						4800						
						4900						

Dredge } No. 5836 Date, Feb 3, 1913
Hydrog. }
Sdg. Mch. Hand lead Reel Shot Lead 14 lbs.
Turns _____ Cor'n _____ Depth 6 fms.
Sdg. Cup _____ Amt. Bot'm Sample _____
Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 49 Time 11.06 } Air { 48
 { _____ Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction Calm Force 0

Baromet. 30.18 Amt. of Clouds 6 State of Sea S

Weather bc 7

Direction and Force { Surface _____
of Current. { Bottom _____

Tide _____

General Locality _____

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul Bottom

Apparatus and Rig used Orange Peel Bucket

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mr. King Recorder C. Clark

SOUNDING WIRE.					FMS.	DREDGING CABLE.				
M. Down.		Up.		M.		A. M. Down.		Up.	A. M.	
					0	11	04	35	11	05 20
					100					
					200					
					300					
					400					
					500					
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					4000					
					4100					
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					4500					
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					4900					

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